



Artificial Intelligence Roundtable | Workshop

These outcomes are from the Artificial Intelligence Roundtable held virtually on September 8, 2022. Participants discussed priority focus areas, associated challenges and requirements, and next steps to address them. The two priority topic areas discussed in detail included:

- Education and knowledge sharing
- Standardization around data

	Key Challenges and Requirements	Next Steps
Education and Knowledge Sharing	<ul style="list-style-type: none"> • Do executives understand AI and support the projects? • Context around AI in mining sector needs to be built (e.g., data integration, skills, requirements, applications). • Reusing and making previously published information available. • Demonstrate value (e.g., how do the small solutions fit into the bigger systems). • Learning from other industries. 	<ul style="list-style-type: none"> • White papers. • Use cases and case studies. • Not about selling technology but demonstrating the end point. • General education approaches (e.g., presentations, podcasts, videos). • Communicate the actions they can take and demonstration of value for executive buy-in.
Standardization Around Data	<ul style="list-style-type: none"> • Defining standard ways of sharing data and transmission and handling. • Having a common standard across common platforms for easy interactions. • Understanding what the obstacles are. • Demonstrating ROI. • Changing mindsets can be important. • What does the result look like so it can be pulled into various FMS (i.e., is it about standards for the raw data, or for how we present our results?). • Data quality and availability. • Ore processing. • Data governance for establishing trust and adoption into appropriate workflows. • Ethics in AI applications. • Smart ventilation. 	<ul style="list-style-type: none"> • Proof of concept that shows value. • How to use existing AI tools to solve a common problem like data standardization. • Roadmap – define end state, start with current actions. • AI ML journey: use cases, ROI, demonstrations, connected piece for various stakeholders.

Note that this document captures some key discussions among a small cross-section of industry participants during a priorities roundtable held on September 8, 2022. It is intended to be one of many inputs into the working group and is not intended as industry guidance or a formal report.